

Northwest Hydro Operators Forum 2012 Fall Program

Tuesday, September 25, 2012

7:00 – 8:00

Breakfast

Sponsored by HDR Engineering Inc.

8:00 – 8:30

Opening Remarks, Introductions and Safety Moment
Mike Haynes, Seattle City Light

Session 1

8:30 – 10:00

Dam Removal Experiences

Moderator: Bill Christman, Chelan County PUD

Condit Dam

Todd Olson, PacifiCorp

Elwha River Restoration Project

Tom Hepler, Bureau of Reclamation

10:00 – 10:30

Break

Session 2

10:30 – 12:00

Penstock Reliability

Moderator: Pat Regan, Federal Energy Regulatory Commission

Recent Penstock Failure

Bill Christman, Chelan County PUD

Risk-based Approach to Penstock Safety

Pat Regan, Federal Energy Regulatory Commission

hydroAMP Penstock User Guide

Sharon Demeaux, US Army Corps of Engineers

12:00 – 1:30

Lunch

Sponsored by CEATI International Inc.



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Session 3

1:30 – 3:00

Spillway Gate Reliability

Moderator: Kevin Marshall, Grant PUD

Tainter Gate Trunnion Bearings at Wanapum Dam

Nate Manning, Grant County PUD

Strengthening Gate Arms at Rocky Reach Dam

Gene Yow, Chelan County PUD

Mayfield Spillway Remediation

Toby Brewer, Tacoma Power

Willamette Valley Tainter Gates

Jim Calnon, US Army Corps of Engineers

3:00 – 3:30

Break

Session 4

3:30 – 5:00

RusHydro Accident and Lessons Learned

Moderator: Mark Hammer, Tacoma Power

USACE Turbine Integrity Inspection Program

Jim Kerr, US Army Corps of Engineers

Dam Safety Implications

Pat Regan, Federal Energy Regulatory Commission

Panel Discussion

- Gate Testing: Frequency and Methodology
- Head Cover Bolt Inspection: Frequency, Techniques and Findings
- Operational Changes

Ray Ellis, Grant County PUD

Bill Christman, Chelan County PUD

Pat Regan, Federal Energy Regulatory Commission

Jim Kerr, US Army Corps of Engineers

5:00

Adjourn

7:00 – 9:00

Reception

Sponsored by Golder Associates Inc., Mead & Hunt and URS



Northwest Hydro Operators Forum 2012 Fall Program

Wednesday, September 26, 2012

7:00 – 8:00 *Breakfast*
Sponsored by MWH Global

Session 5 **Runner Replacements and Overhauls**
8:00 – 10:00 Moderator: Mark Jones, Bonneville Power Administration

Snoqualmie Rehabilitation
Dave Jenness, Puget Sound Energy

Upgrades at Mossyrock Dam
Mark Hammer, Tacoma Power

Ice Harbor Fish Friendly Turbines
Shawn Nelson, US Army Corps of Engineers

Grand Coulee G19-24 Overhauls
Chris Vick, Bureau of Reclamation

10:00 – 10:30 *Break*

Panel Discussion **Regional Task Force Risk Informed Approach to Seismicity**
10:30 – 11:30 Moderator: Kevin Marshall, Grant County PUD

Pat Regan, Federal Energy Regulatory Commission
Bill Christman, Chelan County PUD
Kevin Marshall, Grant County PUD
Kim de Rubertis, Consultant

Open Forum **Issues of Common Interest**
11:30 – 12:00 Moderator: Steve Wenke, Avista

12:00 – 1:30 *Lunch*
Sponsored by CopperLeaf Technologies, Inc.



Northwest Hydro Operators Forum 2012 Fall Program

Wednesday, September 26, 2012

Session 6

1:30 – 3:00

Asset Management Processes and Tools

Moderator: Mike Haynes, Seattle City Light

Applying Risk Mitigation to Decision Making
Steve Wenke, Avista

Efforts Undertaken by Seattle City Light
Lynn Mills, Seattle City Light

1999 FCRPS Asset Management Strategy Implementation Results
Jim Clune, Bonneville Power Administration

Asset Management Tools – What Makes Sense for Hydro
Pat McCarty, Tacoma Power

3:00 – 3:15

Forum Feedback and Closing Remarks
Mike Haynes, Seattle City Light

3:15

Adjourn

